



10-19-01

Dkt. 2271/66100

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : Seiji SARAYAMA et al.

Serial No. : Not Yet Assigned Group Art Unit:

Date Filed : Concurrently Herewith Examiner:

For : CRYSTAL GROWTH METHOD, CRYSTAL GROWTH APPARATUS, GROUP-III NITRIDE CRYSTAL AND GROUP-III NITRIDE SEMICONDUCTOR DEVICE

1185 Avenue of the Americas  
New York, N.Y. 10036Assistant Commissioner for Patents  
**Box Patent Application**  
Washington, D.C. 20231**EXPRESS MAIL**  
**LETTER OF TRANSMITTAL**Express Mail mailing label number: EL531588483USDate of Deposit: October 16, 2001

I hereby certify that the above-identified application consisting of a 110-page specification, 58 claims, 19 sheets of formal drawings, executed Declaration and Power of Attorney, executed Assignment, 1595 recordation form, and a check for \$40.00 for recordation fee, Information Disclosure Statement, Form PTO-1449 and copies of cited references, certified copy of Japanese Priority Document Nos. 2000-318723, 2000-318988 and 2000-324272, 3 copies of transmittal form, and check for \$1,844 filing fee, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Mail Room Employee  
Depositing Express Mail Material

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10/16/01  
Jc997 U.S. PTO  
10/16/01

Attorney Docket No. 2271/66100

Total Pages 3

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSISTANT COMMISSIONER FOR PATENTS  
Box Patent Application  
Washington, D. C. 20231

Sir:

Jc997 U.S. PTO  
10/16/01

Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the nonprovisional patent application of:

Seiji SARAYAMA, Masahiko SHIMADA, Hisanori YAMANE and Masato AOKI for  
Inventors

CRYSTAL GROWTH METHOD, CRYSTAL GROWTH APPARATUS, GROUP-III NITRIDE CRYSTAL AND  
GROUP-III NITRIDE SEMICONDUCTOR DEVICE

Title of Invention

APPLICATION ELEMENTS ENCLOSED:

1.  Specification (total pages 110) including:
  - a. 20 pages of claims (58 claims)
  - b. 1 page(s) Abstract
2.  19 sheets of informal  formal drawings (Figs. 1-20B)
3.  Oath or declaration of Applicants (3 total pages)
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Item 14 completed)*
4.  Deletion of Inventor(s)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5.  Incorporation By Reference  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied in item 3b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.  Microfiche Computer Program (Appendix)

APPLICATION PARTS ENCLOSED:

7.  An assignment (cover sheet & document(s))
8.  37 CFR 3.73(b) Statement (*when there is an assignee*)
9.  Power of Attorney
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application

10.  Information Disclosure Statement (IDS)/PTO-1449

Copies of IDS Citations

11.  A Preliminary Amendment

12.  Return Receipt Postcard (MPEP 503)

13.  A small entity statement under 37 C.F.R. §1.9 and §1.27

Statement filed in prior application, status still proper and desired

14.  If a Continuing Application, *check the appropriate box and supply the requisite information:*

Continuation of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_

Divisional of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_

Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_ filed \_\_\_\_\_

15.  Amend the specification by inserting before the first line of page one: --This is a \_\_\_ continuation  
\_\_\_ divisional of application Serial No. \_\_\_\_\_ filed \_\_\_\_.--

16.  Priority of application Nos. 2000-318723, 2000-318988, 2000-324272 filed in Japan on October 19, 2000, October 19, 2000 and October 24, 2000. Applicant hereby claims priority under 35 U.S.C. § 119.

A certified copy of priority application No. 2000-318723, 2000-318988, 2000-324272 is enclosed.

A certified copy of priority application No. \_\_\_\_\_ has been filed in prior application S.N. \_\_\_\_\_ filed \_\_\_\_\_

17.  Other (identify) \_\_\_\_\_

The filing fee is calculated as follows:

**CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT**

	Number Filed		Number Extra*		Rate			Fee	
					Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	58-20	=	38	x	\$ 9	\$ 18	=	\$	\$ 684
Indep. Claims	8-3	=	5	x	\$ 42	\$ 84	=	\$	\$ 420
Multiple Dependent Claims Presented: Yes _____ No <input checked="" type="checkbox"/>				\$140	\$280	=	\$	\$ 0	
If the difference in column 1 is less than zero, enter "0" in column 2				Basic Fee			\$ 370	\$ 740	
				Total Fee				\$ 1,844	

18.  A check in the amount of \$1,844.00 to cover the filing fee.

19.  Please charge Deposit Account No. 03-3125 in the amount of \$ 40.00 for recordation of the Assignment.

20.  The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any overpayment to Deposit Account No. 03-3125.

Filing fees under 37 C.F.R. § 1.16.

Patent application processing fees under 37 C.F.R. §1.17.

The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b).

21.  Three copies of this sheet are enclosed.

22.  Other (identify) \_\_\_\_\_

CORRESPONDENCE ADDRESS:

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Respectfully submitted,



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